ASCE ANNUAL COMBINED INDEX

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FOREWORD

The 1989 ASCE Annual Combined Index provides a guide to material appearing in publications of the American Society of Civil Engineers published during 1989. This includes papers and technical notes from ASCE technical and professional journals, feature and news articles from *Civil Engineering–ASCE*, Manuals and Reports on Engineering Practice, books, and conference papers appearing in conference publications.

In the subject index, the user will find all articles and papers dealing with specific subject areas listed under one or more appropriate subject headings suggested by the content and application of the paper.

The author index contains entries indexed under the names of editors, authors, co-authors, discussers, and committees or task forces preparing reports. Also in the author index, entries are supplemented with information concerning discussions, errata, and closures, if any. (If there is more than one author for the original paper, this supplementary information is given with the entry for the primary author.) To find what discussion, if any, there has been for a paper or article located in the subject index, the user should look under the entry for the first named author of the paper. When a paper from a prior year is discussed, entries for the original paper are repeated in this Index.

See next page for sample entries and explanations.

Sample subject index entries

For journal papers, technical notes, and magazine articles

[1]Freeze-Thaw Deterioration of Concrete Pavements, [2]Dan F. Adkins and Vance T. Christiansen, [3]MT [4]May 89, [5]p97–104.

1. Title of paper. 2. Author(s). 3. Journal code. 4. Month and year of publication. 5. Pagination.

For conference papers appearing in special publications

[1]Hot Mix Asphalt Utilization in Railway Trackbeds, [2]Jerry G. Rose, [3](*Materials Engineering Application*, David J. Akers, ed., 1989), [4]p32– 45.

1. Title of paper. 2. Author(s). 3. Title, editor and year of publication of book. 4. Pagination.

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[1]Creative Application of Materials Engineering, [2]David J. Akers, ed., [3]1989, [4]60pp.

1. Title of book. 2. Author, editor, or corporate author. 3. Year of publication. 4. Pagination.

Sample author index entry showing notes for discussion

[1]**Ghobarah, Ahmed**
[2]Civil Engineers Role in Site-Studies, [3]EI [4]Oct. 87, [5]p351–359
[6]disc: Luh-Maan Chang and James Lutz, EI Oct. 89, p449–450
[7]clo: EI Oct. 89, p450–451.
[8]disc. (of The Role of Civil Engineering Research, by Richard L. Tucker, EI July 88, p265–270), EI Oct. 89, p471–474

1. Author's name. 2. Title of paper. 3. Journal code. 4. Month and year of journal. 5. Pagination. 6. Discussion note including author(s) of discussion, journal issue, and pagination. 7. Closure note including journal issue and pagination. 8. Discussion written by author about a previously published paper. Information on original paper is enclosed in parentheses, location of discussion follows.

Abbreviations used in this index

disc–discussion
err–errata
clo–closure
ltr–letter to the editor which does not refer to a previously published article
ed–editor

Journal Codes

AS Journal of Aerospace Engineering
CE Civil Engineering–ASCE
CF Journal of Performance of Constructed Facilities
CO Journal of Construction Engineering and Management
CP Journal of Computing in Civil Engineering
CR Journal of Cold Regions Engineering
EE Journal of Environmental Engineering
EI Journal of Professional Issues in Engineering
EM Journal of Engineering Mechanics
EY Journal of Energy Engineering
GT Journal of Geotechnical Engineering
HY Journal of Hydraulic Engineering
IR Journal of Irrigation and Drainage Engineering
ME Journal of Management Engineering
MT Journal of Materials in Civil Engineering
ST Journal of Structural Engineering
SU Journal of Surveying Engineering
TE Journal of Transportation Engineering
UP Journal of Urban Planning and Development
WR Journal of Water Resources Planning and Management
WW Journal of Waterway, Port, Coastal and Ocean Engineering

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